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JAN 25 2005

### FACSIMILE TRANSMISSION

IF ANY PART OF THE TRANSMISSION IS NOT CLEARLY RECEIVED  
PLEASE CONTACT US AT 972-3-6114100

DATE: January 25, 2005  
TO: Examiner Hoon K. Song / Edward Glick  
COMPANY: USPTO Art unit 2882  
TO FAX NO. 001-703-872-9306  
FROM: Dr Mark Friedman Ltd  
OUR FILE REF. 26/560 gb  
YOUR FILE REF.: 10/736,508  
NO. OF PAGES: 10 (including this page)

THIS COMMUNICATION IS INTENDED ONLY FOR THE USE OF THE ADDRESSEE AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED AND CONFIDENTIAL. IF YOU ARE NOT THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT THE UNAUTHORIZED DISSEMINATION OF THIS COMMUNICATION MAY BE PROHIBITED BY LAW. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE.

Dear Sir,  
Please review the attached notification dated 19 January 2005, we believe that you have inadvertently missed claim 10 in this allowance. We would appreciate your response to this matter either by fax; 972-3-6114101 or email [patents@friedpat.com](mailto:patents@friedpat.com) Our local telephone number is 301-952-1011

Regards

Dr Mark Friedman Ltd



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 01/19/2005

DR. MARK FRIEDMAN LTD.

C/o Bill Polkinghorn  
Discovery Dispatch  
9003 Florin Way  
Upper Marlboro, MD 20772

EXAMINER

SONG, HOON K

ART UNIT

PAPER NUMBER

2882

DATE MAILED: 01/19/2005

APPLICATION NO.	FILED DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,508	12/17/2003	Samy Mangoubi	26/360	6120

TITLE OF INVENTION: OPTICAL WINDOW ASSEMBLY FOR USE IN A SUPERSONIC PLATFORM

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/19/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

## HOW TO REPLY TO THIS NOTICE:

## I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILED DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,508	12/17/2003	Sami Mangoubi	26/560	6120
7590	01/19/2005			
EXAMINER				
SONG, HOON K				
ART UNIT		PAPER NUMBER		
2882				
DATE MAILED: 01/19/2005				

**Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)**  
 (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

Ak

Notice of Allowability	Application No.	Applicant(s)
	10/736,508	MANGOUBI, SAMI
	Examiner	Art Unit
	Hoon Song	2882

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTO-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to response filed on 11/12/2004.
2.  The allowed claim(s) is/are 1,4-9,13,15 and 21-23.
3.  The drawings filed on 17 December 2003 are accepted by the Examiner.
4.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All b)  Some\* c)  None of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

5.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6.  CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a)  Including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  Including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review ( PTO-948)
3.  Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 7/12/2004
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application (PTO-152)
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.

Application/Control Number: 10/736,508  
Art Unit: 2882

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## DETAILED ACTION

### *Allowable Subject Matter*

Claims 1, 4-9 and 13 are allowed over prior art.

The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 4-9 and 13, the prior art fails to teach an electro-optical detection system having an outer window and an inner window with intervening space between the windows, wherein only the inner surface, facing away from outer window side, of the inner window is coated with an optical coating which is substantially transparent in at least one of visible wavelength bands and infrared wavelength bands and is substantially opaque to an electromagnetic radiation for radio and radar frequencies as claimed in independent claims 1 and 8.

Claims 4-7, 9 and 13 are allowed by virtue of their dependency.

Regarding claims 15 and 21-23, the prior art fails to teach a method of detecting, from within a platform moving at a supersonic speed, electromagnetic radiation in at least one wavelength band selected from a group consisting of visible wavelength bands and infrared wavelength bands by providing an inner window, and thermally insulating the inner window with an outer window, wherein only the inner surface, facing away from outer window side, of the inner window is coated with an optical coating which is substantially transparent in the waveband and is substantially opaque to an electromagnetic radiation for radio and radar frequencies as claimed in independent claim 15.

Claims 21-23 are allowed by virtue of their dependency.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Clark (US 5147694) teaches electromagnetic shielding panel having two windows and an intervening space in between but fail to teach the panel is used with an electro optical payload, a mobile platform nor a platform moving at a supersonic speed and one having ordinary skill in the art would not change the optical coating to be located at the inner surface of inner window because the coating would be less protective than outer surface of the inner panel.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hoan Song whose telephone number is (571) 272-2494. The examiner can normally be reached on 8:30 AM - 5 PM, Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Glick can be reached on (571) 272 - 2490. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Art Unit: 2882

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

HKS

11/01/05

HKS

  
EDWARD A. GLICK  
SUPERVISORY PATENT EXAMINER

Sheet 1 of 1

Form PTO-1449 (Modified)		Atty. Docket No. 26/560	Application No. 10/736,508
<b>SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION (USE SEVERAL SHEETS IF NECESSARY)</b>		Applicant Mangoubi	
		Filing Date: 12 December 2003	Group Art Unit 2882

**U.S. PATENT DOCUMENTS**

	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA	MCS	6,038,065	Mar 00	Borden			
AB		5,194,985	Mar 93	Hilton Sr			
AC		6,028,699	Feb 00	Fisher			
AD	9	4,797,683	Jan 89	Kosowsky et al			
AE	HICS	5,818,631	Oct 98	Askinazi et al			

#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
							YES	NO
AF	HES	1537215	27 Jul 67	FR				
AG	HES	0529963	03 Mar 93	EP				

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

AH	
AI	
AJ	
AK	

EXAMINER Hoon Song DATE CONSIDERED 12/16/04

<b>Notice of References Cited</b>	Application/Control No.	Applicant(s)/Patent Under Reexamination	
	10/736,508	MANGOUBI, SAMI	
Examiner	Art Unit		Page 1 of 1
Hoon Song	2882		

## U.S. PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
A	US-5,147,694	09-1992	Clarke, Leslie T.	428/34
B	US-			
C	US-			
D	US-			
E	US-			
F	US-			
G	US-			
H	US-			
I	US-			
J	US-			
K	US-			
L	US-			
M	US-			

## FOREIGN PATENT DOCUMENTS

*	Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
N					
O					
P					
Q					
R					
S					
T					

## NON-PATENT DOCUMENTS

*	Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
U	
V	
W	
X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.